

Apr 25-12:34 PM

16.1 Review

Grade: 7th
Subject: Life Science
Date:

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1 Which of the following is NOT a common body part of a chordate?

- A tail
- B notochord
- C pharyngeal pouch
- ☒ D backbone

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2 Which is NOT a class of fishes?

- A bony
- B jawless
- ☒ C pharyngeal
- D cartilaginous

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- 3 The faint line that runs down the length of a fish's body that uses tiny sense organs to detect vibrations is the lateral line.

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- 4 A gas-filled sac used to control buoyancy is called the _____.

Swim bladder

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5 An animal that has a cartilage backbone is not considered a vertebrate.

True

False

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6 An organism that relies primarily on sources of heat outside of itself is considered to be a _____.

ectotherm

"cold" blooded

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- 7 Animals that use chemical reactions in the body to maintain a constant internal body temperature are considered to be a(n) _____.

endotherm

"warm" blooded

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- 8 Fish use gills to get oxygen from the water.

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Bellringer

- What are some characteristics of reptiles?
- Are reptiles ecto- or endo-thermic?
cold warm
- List 4 examples of reptiles.

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16.2 Review

Grade: 7th
Subject: Life Science
Date:

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- 1 A thin-walled sac of skin that surrounds a frog's vocal cords is a _____.

vocal sac

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- 2 The aquatic, fish-shaped larva of a frog or toad is the tadpole.

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- 3 The respiratory organ in which oxygen from the air is exchanged with carbon dioxide from the blood is the

lung.

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- 4 A phase in the life cycle where there is a rapid change from an immature form to a mature adult form is called

biogenesis

metamorphosis

True

False

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5 Which of the following is NOT a group of amphibians?

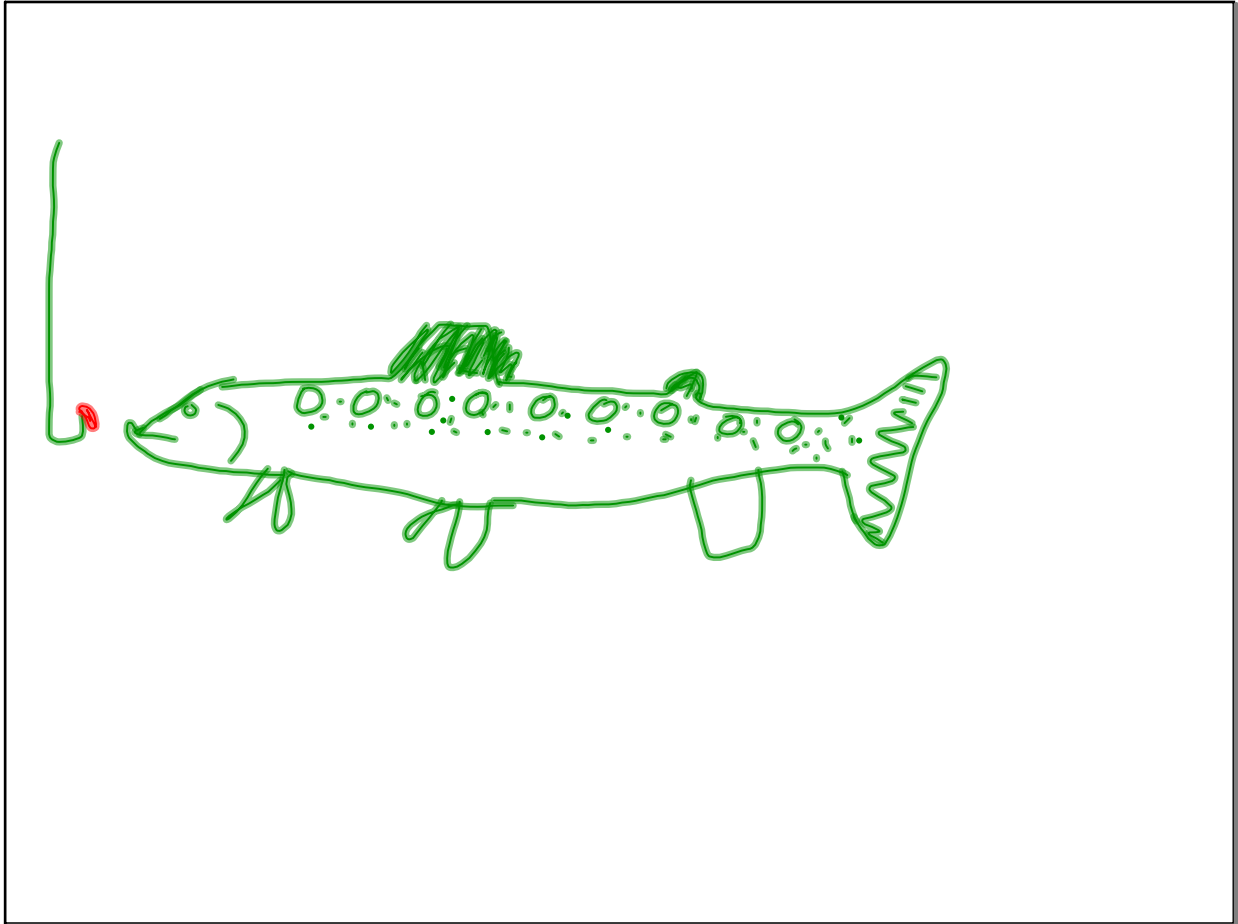
- A salamanders
- ☒ B lizards and snakes
- C caecilians
- D frogs and toads

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6 Which of the following is NOT a characteristic of amphibians?

- ☒ A they are endotherms
- B they have thin skin
- C they can live in water or on land
- D they breathe through their lungs.

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Life Science Belringer

- 1) What are the three classifications of fish? Give an example of each type.
- 2) What makes amphibians unique?
- 3) Amphibians are ecological indicators. Explain what this means.

- 1) 1) Cartilaginous - Shark
- 2) 2) Bony - salmon
- 3) 3) Jawless - Lamprey, hagfish
- 2) Live on land + water → amphibians means "double life"
- 3) Eco indicator =

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16.3 Review

Grade: 7th
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1 This type of reptile has a shell.

turtle or
tortoise

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- 2 This type of reptile has eyes and nostrils on tops of their flat heads.

alligator
croc

~
~

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- 3 This is the most common type of reptile.

snakes and/or
lizards

~
~

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4 This type of reptile lives only in New Zealand.

tuatara

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5 What helps reptiles to reduce their water loss?

- ☒ A they have thick, dry skin
- ☐ B they can walk on land
- ☐ C they are endotherms
- ☐ D they breathe through their skin

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6 Which of the following is not part of an amniotic egg?

A yolk

B vocal sac

C allantois

D albumen

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7 Most reptiles use _____ to breathe.

lungs



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8 How do reptiles usually reproduce?

- ☒ A internal fertilization
- ☐ B external fertilization
- ☐ C metamorphosis
- ☐ D unfertilized eggs

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Bellringer

→ What are the 3 classes of fish?

Examples

→ What are the characteristics that

all vertebrates share?

backbone, hollow nerve chord, notochord, pharyngeal pouches

→ What is an example of an endothermic and an ectothermic animal?

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Chapter 16 Review

Grade: 7th
Subject: Life Science
Date:

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1 Which of the following structures is not present in some chordates?

→ vertebrates

A a tail

B a backbone

C a notochord

D a hollow nerve cord

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2 Which fishes do not have jaws?

- A sharks, skates, rays
- ☒ B hagfish and lampreys
- C bony fishes
- D none of the above

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3 Both amphibians and reptiles ..

- ☒ A have lungs
- B have gills
- C breathe only through their skin
- D have amniotic eggs

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4 Metamorphosis occurs in...

- A fishes and amphibians
- ☒ B amphibians
- C fishes, amphibians, and reptiles
- D amphibians and reptiles

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5 Both bony fishes and cartilaginous fishes have...

- ☒ A fins
- B an oily liver
- C a swim bladder
- D skeletons made of bone

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6 Amphibians breathe through their lungs, gills (if present), and skin.

True

False

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7 Two things present in all vertebrates but not in some chordates are...

A hair

B notocord

C backbone

D skull

E sexual reproduction

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8 Lizards are effective ecological indicators.

True

False

→ Amphibians

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9 A type of cartilaginous fish is a ~~salmon~~.

True

False

→ shark

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10 Frogs undergo metamorphosis.

True

False

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